

### Abstract

This invention relates to the regulation of vascular endothelium  
5 biocompatibility and to the inhibition of vessel wall cell and other types of cell  
hyperplasia following vessel wall dysfunction and/or injury. More particularly, the  
invention relates to the dietetic and pharmaceutical preparations of 13-  
hydroxyoctadeca-9Z, 11E-dienoic acid (13-HODE) and its use in reducing or  
inhibiting vessel wall hyperplasia and restoring vessel wall biocompatibility.

10